

OSA 0446-62
18 July 1962

MEMORANDUM FOR: Chief, Materiel Staff, OSA

SUBJECT : Request for Single-Sideband Radio
Equipment

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1. Successful operational usage of the [REDACTED] SSB station has conclusively demonstrated the desirability of having an emergency communications capability between the base and the aircraft throughout the duration of the IDEALIST missions. At the present time, this capability is being utilized for both training and Headquarters-directed missions, resulting in many hours of SSB operation each week.

2. In order to minimize operator fatigue, (and thereby enhance communications reliability) the EWM-2 receiver at the base station should be equipped with a squelch or "noise blander" circuit. Such a circuit would minimize the constant, high-level noise (electrostatic and thermal) from the monitor receiver, and would switch the unit to the desired listening level when a legitimate signal is present at the input.

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3. It is therefore requested that the Materiel Staff procure 1 each "Noise Blander" for use with the present EWM-2 transceiver. The desired unit is Model 136B-2, 110-120 volts, 50-60 CPS operation. The manufacturer is [REDACTED], Cedar Rapids, Iowa, and the approximate cost is \$124.00. This equipment should be shipped to [REDACTED] for installation and utilization on the IDEALIST program.

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Distribution:

- Original and 1 - Addressee
1 - AD/OSA
1 - OD/OSA
1 - OSA/Commo L-2
1 - OSA/Commo Chrono
1 - OSA/RI

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